



Community Air Protection (CAP) Incentive Reporting

November 5, 2019



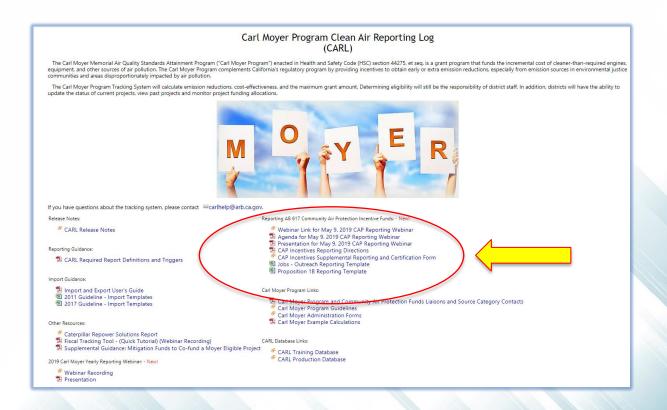


Today's Agenda

- Introductions and Overview
- New Progress Report
- Project Reporting in CARL
 - Proposition 1B
 - New Categories
- Earned Interest
- Jobs and Outreach Reporting
- 2019 Yearly Report Certification Form
- Qualitative Benefits Discussion
- Questions



Download Attachments and Links





CAP Incentives Implementation Guidelines

- Instructions Comply with all Reporting Requirements
 - CAP Incentives 2019 Guidelines
 - Carl Moyer Program CAP Supplemental Guidelines
 - California Climate Investment Funding Guidelines



Semi-Annual Reporting Timeline

- Districts Report to CARB Twice a Year
 - Yearly Report (Fall) due November 29, 2019
 - Mid-Cycle Report (Spring) due May 31, 2020

Table 3-3 Community Air Protection Incentives Reporting Dates

Date	Action
May 31	Mid-Cycle Report (Projects Nov 1 - April 30) due to CARB
June 30	CARB submits data to CCIRTS
November 29	Yearly Report (Projects May 1 – October 31) due to CARB
December 31	CARB submits data to CCIRTS



Progress Tracking Targets

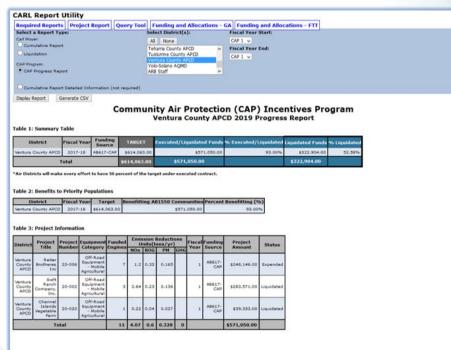
Yearly Reporting Cycle	Executed* Contract Target	Liquidation Target					
CAP YEAR 1 (Fiscal Year 2017-18)							
2019 Yearly Report	50%	0%					
2020 Yearly Report	100%	50%					
2021 Yearly Report	100%	100%					
CAP YEAR 2 (Fiscal Year 2018-19)							
2020 Yearly Report	50%	0%					
2021 Yearly Report	100%	50%					
2022 Yearly Report	100%	100%					

^{*}Contract execution required for project reporting



New CAP Progress Tracking Report

Required Reports Project Report Query	Tool Funding and Allocations - G/	A Funding and Allocations - FTT
Select a Report Type:	Select District(s):	Fiscal Year Start:
Carl Moyer: Cumulative Report Liquidation	Tehama County APCD Tuolumne County APCD	Fiscal Year End:
CAP Program: ● CAP Progress Report	Ventura County APCD Yolo-Solano AQMD ARB Staff	
Cumulative Report Detailed Information (not requ	ured)	

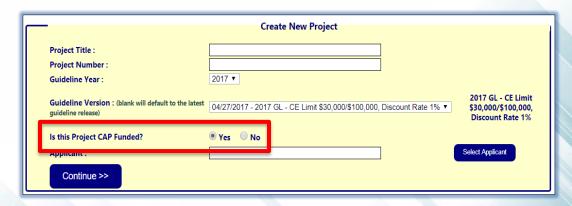




Report CAP Projects in CARL

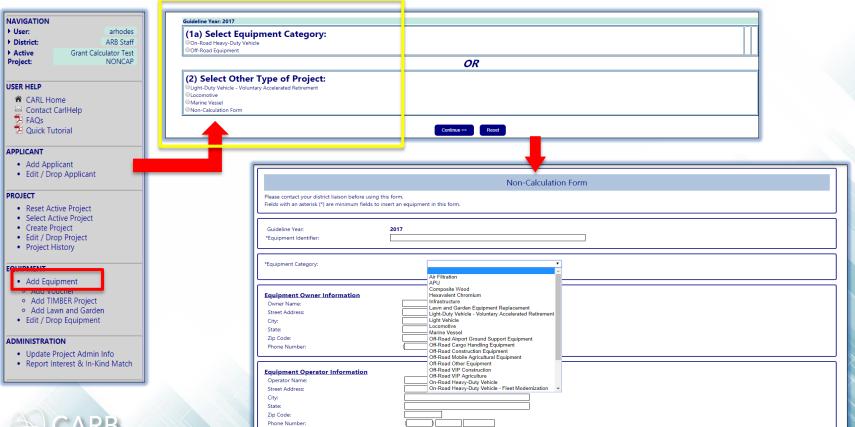


Select CAP Funded in the CARL Project Form

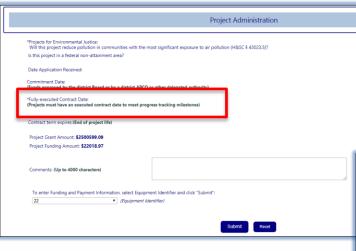




Reporting Equipment







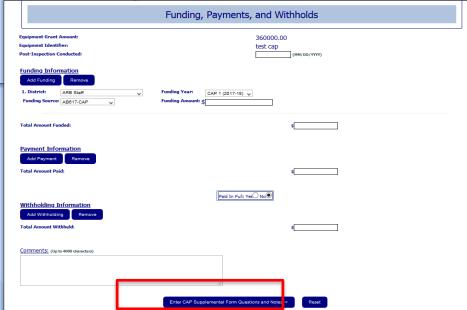
Yes ® No ◎

Yes ○ No ● 02/02/2019

(MM/DD/YYYY) (MM/DD/YYYY) 02/03/2019 (MM/DD/YYYY)

(MM/DD/YYYYY

Administration Forms





CAP Supplement Form

- Benefit to Priority Populations
- Report Latitude/Longitude
 - Link to Map Utility
- Link to CCI Updated Benefit Criteria Table
- New AB 617 Selected Communities Question



	CARL CAP Funding Administration Form	
Location Information		
https://	By NASTR 188800 September 1992 (September 1992) September 1992	additional information on evaluating if a
To see if . • https://	a particular location is within a disadvantaged community or low-income community, search for the location (address or latitude/longitude) in the search bar of the following map utility: www.datb.cagov/cci capandrade/ auctionproceeds/invencomerceful.htm	
Priority Population Projec	t	
Based on the location above projects that offer incentives least partially within a disadva	place holders whether this project, is located in and will benefit a priority population. Papers location may be determined by when the whole or experient is implaced, formalled, or one for treatment when the case one or or states may be only be whether must when it administration or low-excent community communities, for organization of the projects located at fraight facilities or hade staged or low-encome community communities. Benefit Orient Table is defaulted to " <u>Sustainable Transportation</u> " for the first year's projects.	erated a majority of the time. For , the freight facility or hub must be
Step 1 - Identify the Prio	rity Population	
A. Is the project located within t	he boundaries of a disadvantaged community census tract?	YesO NoO
B. Is the project located within the	he boundaries of a Low-income Community census tract or Low-income triousehold?	YesO NoO
C. Is the project located outside	of a disadvantaged community, but within 15 mile of the disadvantaged community and within a low-income community census tract (Buffer)?	YesO NoO
tep 2 - Address a Need	Identify an important community or household need and evaluate whether the project provides a benefit that meaningfully addresses that need.	
C	A. Recommended Agarnado: Host community mentings, workshops, autheads efforts, or public meetings as part of the planning process to engage local residents and community groups for input on community or his celeration of projects to address those needs.	susehold needs, and document how the
	2. Recommended Approach: Receive documentation of support from local community-based organizations and/or residents (e.g., letters, enable) identifying a need that the project addresses and demonstrating the	at the project has broad community sup
dentifying Community Need (select A-O)	C. Alternative Approach: Where direct engagement is infeable, took at the individual factors in Californisticeren that are most impacting an identified disadvantaged or low-income community (e.g., factors that score project will reduce the impacts of at least one of those factors; or	re above the 75th percentile), and conf
0	0. Alternative Approach: Where direct engagement is infessible, refer to the list of common needs for priority populations in CARD's Funding Guidelines Table 5 and confirm that the project addresses at least one list	ted need.
) Not Applicable	
• 5	elect the Step 2 option from the Benefit Criteria Table used to identify a community need.	
Description of Community liced (Text) No to 1,200 characters)		
	Detailed description of the identified community need(s) and how the project meets the need(s), including the level of community engagement.	
tep 3 – Provide I	Benefit: Evaluate the project, the benefit provided must directly address the identified need Project must meet at least one of the following Benefit Criteria:	
	A. Project provides incentives for vehicles, equipment, or renewable transportation fuel that reduce criteria air pollutant or toxic	
	such as diesel particulate matter.	air contaminant emissior
enefit Criteria Met select A-C)	such as diesel particulate matter. B. Project provides greater mobility and increased access to clean transportation for residents of a disadvantaged or low-income shuttles, smartphone application-based ride-sharing services, bike-sharing services).	community by placing
enefit Criteria Met elect A-C)	such as diesel particulate matter. B. Project provides greater mobility and increased access to clean transportation for residents of a disarkantaned or low-incomment.	community by placing electric vehicles, vanpooli
enefit Criteria Met lelect A-C)	such as diesel particulate matter. 8. B. Project provide greater mobility and increased access to dien transportation for residents of a disadvantaged or low-income services before consumption of the provided	community by placing lectric vehicles, vanpooli e community, or a low-
	such as diesel particulate matter. 8. Project provides greater mobility and increased access to clean transportation for residents of a disadvantaged or low-income services in that community, including ride-sharing, car-sharing, or other advanced technology mobility options (e.g., neighborhood e shuttles, smartphone application-based ride-sharing services). C. Project provides greater mobility and increased access to clean transportation for residents of a disadvantaged or low-income income household, by providing incentives for the retirement or replacement of older, higher-emitting vehicles.	community by placing lectric vehicles, vanpooli e community, or a low-
escription of enefits to Priority opulations (Text)	such as diesel particulate matter. 8. Project provides greater mobility and increased access to clean transportation for residents of a disadvantaged or low-income services in that community, including ride-sharing, car-sharing, or other advanced technology mobility options (e.g., neighborhood e shuttles, smartphone application-based ride-sharing services, bike-sharing services). 9. C. Project provides greater mobility and increased access to clean transportation for residents of a disadvantaged or low-income income households. by providing incentives for the retirement or replacement of older, higher-emitting vehicles. 9. Not Applicable • Select the Step 3 option from the Clean Transportation and Equipment Senett Criteria Table used to demonstrate that the project.	community by placing lectric vehicles, vanpooli e community, or a low-
Description of lenefits to Priority Topulations (Text)	such as diesel particulate matter. 8. Project provides greater mobility and increased access to clean transportation for residents of a disadvantaged or low-income services in that community, including ride-sharing, car-sharing, or other advanced technology mobility options (e.g., neighborhood e shuttles, smartphone application-based ride-sharing services, bike-sharing services). 9. C. Project provides greater mobility and increased access to clean transportation for residents of a disadvantaged or low-income income households. by providing incentives for the retirement or replacement of older, higher-emitting vehicles. 9. Not Applicable • Select the Step 3 option from the Clean Transportation and Equipment Senett Criteria Table used to demonstrate that the project.	community by placing dectric vehicles, vanpooli community, or a low-
Description of enefits to Priority opulations (Text) by to 1.200 characters)	B. Project provides greater mobility and increased access to clean transportation for residents of a disadvantaged or low-income services in that community, including ride-sharing, car-dharing, or other advanced technology mobility options (e.g., neighborhood e shuttles, smartphone application-based ride-sharing services). C. Project provides greater mobility and increased access to clean transportation for residents of a disadvantaged or low-income income trouvelook by providing incombines for the retirement of replacement of other higher-emitting vehicles. Not Applicable Not Applicable Select the Step 3 option from the Clean Transportation and Equipment Benefit Criteria Table used to demonstrate that the project provide additional details on how to	community by placing dectric vehicles, vanpool to community, or a low-
escription of enertis to Priority opulations (Text) by to 1,200 characters) elect a Priority Fo Select a Priority Po	such as diesel particulate matter. 8. B. Project provides greater mobility and increased access to clean transportation for residents of a disadvantaged or low-income services in that community, including ride-sharing, car-sharing, or other advanced technology mobility options (e.g., neighborhood e shuttles, invariphone application-based ride-sharing services, bits-sharing services). 6. C. Project provides greater mobility and increased access to clean transportation for residents of a disadvantaged or low-income income household, by providing incentives for the retirement or replacement of older, higher-emitting vehicles. 8. Not Applicable 8. Select the Step 3 option from the Clean Transportation and Equipment Benefit Criteria Table used to demonstrate that the project provide representation of any benefits that the project provides to priority populations. Also, provide additional details on how to description of any benefits that the project provides to priority populations. Also, provide additional details on how to describe the community needs(a). 7. Qualitative description of any benefits that the project provides to priority populations. Also, provide additional details on how to describe the community needs(a).	community by placing dectric vehicles, vanpool to community, or a low-
escription of enertis to Priority opulations (Text) by to 1,200 characters) elect a Priority Fo Select a Priority Po	such as diesel particulate matter. 8. Project provides greater mobility and increased access to clean transportation for residents of a disabvantaged or low-income services in that community, including rise-chaining, car-chaining, or other advanced technology mobility options (e.g., neighborhood e shuttles, smartphone application-based ride-sharing services). 9. C. Project provides greater mobility and increased access to clean transportation for residents of a disadvantaged or low-income income household by providing incentives for the retirement or replacement of older, higher-emitting vehicles. Not Applicable 8. Select the Step 3 option from the Clean Transportation and Equipment Benefit Citeria Table used to demonstrate that the project provide residents of a disadvantaged or low-income income providence. • Qualitative description of any benefits that the project provides to priority populations. Also, provide additional details on how to identified community needful.	community by placing dectric vehicles, vanpooli community, or a low-
Description of femerits to Priority ropulations (Text) by to 1,000 characters)	B. Project provides greater mobility and increased access to clean transportation for residents of a disadvantaged or low-income services in that community, including ride-sharing, car-sharing, or other advanced technology mobility options (e.g., neighborhood e shuttles, smartphone application-based ride-sharing services, libre-sharing services). C. Project provides greater mobility and increased access to clean transportation for residents of a disadvantaged or low-income income household, by providing incentives for the retirement or replacement of older, higher-emitting vehicles. Not Applicable Select the Step 3 option from the Clean Transportation and Equipment Benefit Criteria Table used to demonstrate that the project provides for priority populations. Callitative description of any benefits that the project provides to priority populations. Also, provide additional details on how to describe the community needile. Topulation (Disadvantaged Community, Low Income, Buffer Within 1/2 mile) Population (Disadvantaged Community, Low Income, Buffer Within 1/2 mile) Little targets established in the grant agreement, choose which priority population that you propose the project count as benefiting.	community by placing dectric vehicles, varipooli community, or a low-

CAP Supplement Form Continued...

CARL CAP Funding Administration Form						
Location Information						
Latitude/Longitude: [e.g., 34.413775, -119.848624) Report a latitude/longitude in decimal degrees separated by a comma "," (e.g., 34.413775, -119.848624) benefits go to the Priority Population Benefit Criteria Table at: • https://www3.arb.ca.gov/cc/capandtrade/auctionproceeds/criteria-table-sustainabletranspor To see if a particular location is within a disadvantaged community or low-income community, search for • https://www3.arb.ca.gov/cc/capandtrade/auctionproceeds/lowincomemapfull.htm	ortation.pdf?_ga=2.12					
	Ston 2 - Brouido Bo	enefit: Evaluate the project, the benefit provided must directly address the identified need				
Priority Population Project Based on the location above, please indicate whether this project is located in and will benefit a priority popula projects that offer incentives for transit vehicles, at least one stop or station served by the vehicle must be will least partially within a disadvantaged or low-income community census tract. Benefit Criteria Table is defaulted		Project must meet at least one of the following Benefit Criteria: A. Project provides incentives for vehicles, equipment, or renewable transportation fuel that reduce criteria air pollutant or toxic air contaminant emissions, such as diesel particulate matter. B. Project provides greater mobility and increased access to clean transportation for residents of a disadvantaged or low-income community by placing services in that community, including ride-sharing,				
	Benefit Criteria Met (selec A-C)	C. Project provides greater mobility and increased access to clean transportation for residents of a disadvantaged or low-income community, or a low-income household, by providing incentives for the retirement or replacement of older, higher-emitting vehicles.				
	Description of Benefits to Priority Populations (Text) (Up to 1,200 characters)	Bay Area - Richmond Bay Area - West Oakland • Qualitative description of any ber Troprial - Calexto, El Centro, Heber munity need(s):				
	*Select a Priority Population	sacamento - South Sacramento - Form Sacamento - South Sacramento - Form Sacamento - South Sacramento - Sou				
	*AB617 Selected Co	mmunities South Coast – Wilmington, West Long Beach, Carson				



Updated Benefit Criteria Table

- New Combined Benefit Table
 - Sustainable Transportation
- Vehicle, Equipment, Engine and Infrastructure
 - Registered, Domiciled or Operated a Majority of the Time
- School Bus, Transit and Supporting Infrastructure
 - One Stop or Station
- Freight Facilities
 - Portion of the Freight Facility
 - Includes Ports and Railyards

Evaluation Criteria for Providing Benefits To Priority Populations SUSTAINABLE TRANSPORTATION						
Step 1.b: Identify How Project Location Is Determined Using the Applicable Project Type.						
For this Project Type:	Project Location may be determined by:					
Consumer-based incentives (e.g., vouchers, rebates, transit passes, free- fare days to individuals or households)	Residence of the direct recipient, OR at least one stop or station in the service to which incentives are applied					
New/replacement transit or school buses, new service, or service improvements & supporting infrastructure (includes shared mobility services)	Where the vehicle or equipment is registered, domiciled, or operated a majority of the time, OR at least one stop or station in the service					
Other new/replacement vehicles or equipment & supporting infrastructure	Where the vehicle or equipment is registered, domiciled, or operated a majority of the time					
Projects that operate at freight facilities, hubs, ports, or railyards	Where the vehicle or equipment is registered, domiciled, or operated a majority of the time, OR at least a portion of the facility, hub, port, or railyard					
Active transportation infrastructure	Location of at least a portion of the infrastructure, AND at least one access point to a priority population					
Transit station/stop improvement	Location of at least one stop or station improved by the project					
Production of renewable, low-carbon transportation fuel	Where the vehicle or equipment that uses the majority of the fuel produced is registered, domiciled, or operated a majority of the time					



Reporting Proposition 1B Projects

Two-Step Reporting

- 1. Use the CAP Calculator to Estimate Benefits
- 2. Report in CARL in Non-Calculation Form



Proposition 1B Calculator

Cop and Trade Dallars at Work Level The Note to applicants: A step-by-step user guid	California Air Resources Benefits Calculator Tot Community Air Protectio California Climate Invest de for this Benefits Calculator Tool Coccapandrade/auctionproceeds/d	ol for n Funds ments is available here:	ď										
	Project Information		Baseline Engine Information	Rep	lacement En	ngine Information	Usage In	formation					
Project Number	Equipment Identifier	On-Road Vehicle Class	Engine Model Year	Engine Model Year	Fuel 1	Type Technology GHG Emission Reducti	1st Year of Operation	Annual VMT (miles)		taminant Annual Emis	sian Dadustians		benefits
						GHG Emission Reduction	ons Criteria	Pollutants and I	oxic Air Cor	taminant Annual Emis	sion Reductions	Co-	Denefits
						Annual GHG (MTCO 2	Annual PP Emission Red (short to	uctions Emission	ual NO _x n Reductions ort tons)	Annual ROG Emission Reductions (short tons)	Annual Diesel PM Emission Reductions (short tons)	Total Diesel Fuel Savings (gal)	Energy and Fuel Cost Savings (\$)
						Annual GHG (MTCO ₂	Emission Red	uctions Emission	n Reductions	Emission Reductions	Emission Reductions	Total Diesel Fuel Savings (gal)	Energy and Fuel Cost Savings (\$)
						Annual GHG (MTCO ₂	Emission Red	uctions Emission	n Reductions	Emission Reductions	Emission Reductions	Total Diesel Fuel Savings (gal)	Energy and Fuel Cost Savings (\$)
	ARB					Annual GHG (MTCO ₂	Emission Red	uctions Emission	n Reductions	Emission Reductions	Emission Reductions	Total Diesel Fuel Savings (gal)	Energy and Fuel Cost Savings (\$)

Proposition 1B Calculator

Calculator Inputs

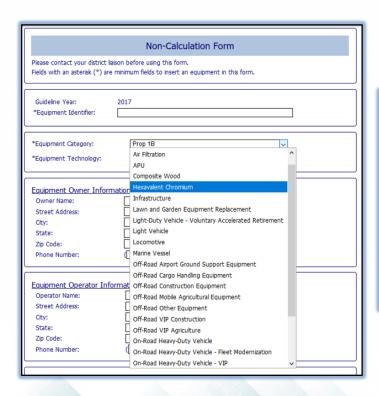
- Vehicle Class (MHD or HHD)
- Annual Vehicle Miles Traveled
- Baseline Engine Model Year
- Replacement Engine Model Year
- Replacement Engine Fuel Type
- Replacement Engine Technology
- Expected 1st Year of Operation

Calculator Outputs

- NOx (tons)
- ROG (tons)
- PM (tons)
- GHG (MTCO2e)
- PM2.5 (tons)
- Diesel PM
- Cost Savings (\$)
- Total Diesel Fuel Savings (gallons)



CARL Non-Calculation Form



Total Annual Emission Reductions For A	All Engines			
*Total NOx annual emission reductions for all				
*Total ROG annual emission reductions for all				
*Total PM annual emission reductions (DO NO Total emissions will be multiplied by the percen in the reports. Please put zero (0) for projects				
(e.g., Infrastructure) Total HC annual emission reductions for all en				
Total weighted (NOx + ROG + 20PM) annual				
GHG:				
PM25:				
Energy Fuel Cost Savings: \$				
Fuel Use Reductions Gallons:				



CARL Non-Calculation Fields

Equipment Information

- Equipment Identifier
- Equipment Category
- Equipment Technology (replacement)
- Gross Vehicle Weight Class (MHD or HHD)
- Annual Miles Traveled
- Project Life (years)
- Percent Operation in California
- First year of Operation

Engine Information (Baseline and Reduced)

- Fuel Type
- Engine Year
- Engine Emission Technology

Cost Information

- Replacement Equipment Cost
- District Grant Amount

Benefits (annual)

- NOX (tons)
- ROG (tons)
- PM (tons)
- GHG (MTCO2e)
- PM2.5 (tons)
- Energy Fuel Cost Savings (\$)
- Fuel Use Reductions (gallons)



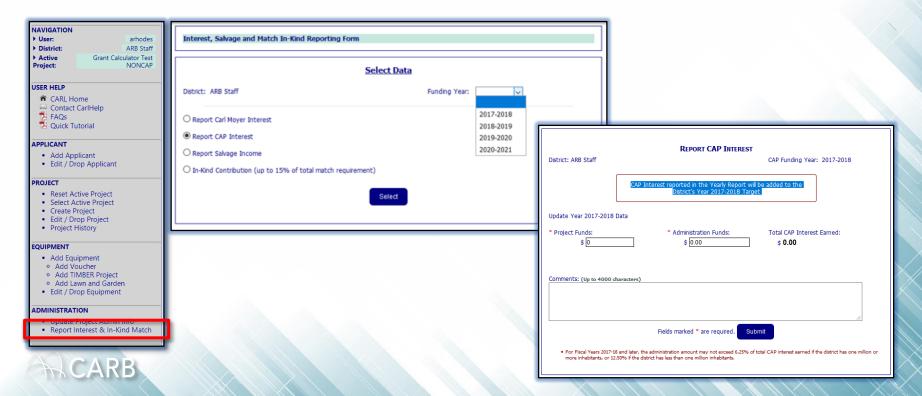
CARL Import

- Import is Available for CAP Incentives
- Import Updated to Reflect CARL Changes
 - New Categories and Co-Benefit Fields
- New Proposition 1B Import Template



Report CAP Interest

Report Interest Earned between July 1, 2018 - June 30, 2019 (last fiscal year)



Jobs Reporting Changes

- Only Air Districts with an Award of \$1 Million or More Report
- Job Active Over Past Six Months to Implement CAP Incentives
 - Activity from May 1, 2019 through October 31, 2019

Changes

- Job Classification Default Public Administration
- Added Required Years of Experience
 1 year, 1-2 years, 3-5 years, 5-10 years, 10+
- Added Required Education
 High school, Associates/Apprenticeship, 4-Year Degree/College, Advanced Degree

Continue

- Total Project Work Hours
- Average Hourly Wage
- Employer-Paid Health Insurance (yes/no)
- Paid Leave (yes/no)
- Retirement (yes/no)



Outreach Reporting

- Grant Agreement Requires Outreach to Local Residents and Community Groups on Community Needs and Potential Projects
- Use Template Provided to Report on Public Outreach Events
- Only Report Outreach Events between May 1, 2019 to October 31, 2019
- Format of Input is Important, use Whole Numbers for Attendees

Public Transparency and Outreach Events (outreach)								
Date	Subject	City	Attendees	Remote	Notes			



2019 Yearly Report Certification Form

- Certify that the Reported Information is Accurate and Complete
- Signatures Required
 - Air Pollution Control Officer
 - Program Administrator
 - Chief Financial Officer or Alternative

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

CALIFORNIA AIR RESOURCES BOARD

COMMUNITY AIR PROTECTION (CAP) INCENTIVES PROGRAM

DISTRICT YEARLY REPORT CERTIFICATION FORM

2019-DISTRICT YEARLY REPORT CERTIFICATION FORM DUE NOVEMBER 29 2019

From the Drop Down Menu, select your Air District:

SECTION 1: INTRODUCTION AND BACKGROUND

The Community Air Protection (CAP) Incentives Program District Yearly Report Certification Form is due to the California Air Resources Board (CARB) by November 29, 2019. Air districts will use this Yearly Report Certification Form to certify that the reported information on CAP Incentives is accurate and complete.

CAP Incentives must conform to the reporting requirements described in the CAP Incentives 2019 Guidelines¹. Additionally, CAP Incentives must comply with the California Climate Investment (CCI) Funding Guidelines² since CAP Incentives are funded with Greenhouse Gas Reduction Funds. The following reporting components described below are designed to meet the reporting requirements for both the CAP Incentives 2019 Guidelines and CCI Funding Guidelines.

SECTION 2: REPORTING

Report CAP Incentives Project Information in CARL

Air districts will report project level information (i.e., equipment/vehicle/engine information, financial information, and priority population benefits) into the Carl Moyer Program Clean Air Reporting Log (CARL) database. Project information for Proposition 1B projects funded with CAP Incentives will also be reported via CARL. All reported projects must be under executed contract to be credited in the CAP Incentives Progress Tracking Report. For this reporting cycle, 2019 Yearly Reporting, air districts will report project information, including updates to previously reported projects, through October 31, 2019.

Please generate and attach the required CAP Incentives Progress Tracking Report from CARL to complete this form: https://www.arb.ca.gov/app/cmp/.

2. Report CAP Incentives Earned Interest in CARI

The air districts will report the amount of interest earned on CAP Incentives during the last fiscal year, between July 1, 2018 and June, 30, 2019. Earned interest is reported in CARL using the Report Interest & In-Kind Match form.

Reported earned interest on CAP Incentives will be added to the air districts 2018-19 reporting targets.

Report Jobs in Template

Air districts who received a grant award of \$1 million or more must report on the jobs the air districts supports to implement CAP Incentives. For this reporting cycle, air districts will report the job activity between May 1, 2019 and October 31, 2019 using the jobs reporting template

https://ww3.arb.ca.gov/msprog/cap/docs/proposed 2019 cap guidelines.pdf



Reporting Summary

- Report Project Data in CARL
- Report Earned Interest in CARL
- Report Jobs and Outreach Data in Template
- Sign and Submit Certification Form with Following Attachments
 - Jobs-Outreach Template in Excel Format
 - Copy of the CAP Incentives Progress Tracking Report
- Send to <u>Carlhelp@arb.ca.gov</u> by November 29, 2019



Qualitative Benefits Discussion

- Air Filtration
- Composite Wood
- Hexavalent Chromium
- Zero-Emission Lawn and Garden





Contact Information

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- Carl Help Support Staff <u>Carlhelp@arb.ca.gov</u>







Questions?



